

For Research Use Only

EFNA2 Recombinant antibody

Catalog Number: 82951-1-RR



Basic Information

Catalog Number: 82951-1-RR	GenBank Accession Number: NM_001405	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1943	CloneNo.: 230251D8
Source: Rabbit	UNIPROT ID: O43921	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: ephrin-A2	
	Calculated MW: 213 aa, 24 kDa	

Applications

Tested Applications: IF, FC, ELISA	Positive Controls: IF : COLO 205 cells,
Species Specificity: Human	

Background Information

Ephrin A2, also known as ELF1, Cek7L, and LERK6, is a member of the ephrin ligand family, which binds members of the Eph receptor family. The Eph family members are involved in central nervous system function and in development. The predicted 213-amino acid EFNA2 protein is composed of a signal sequence, a receptor-binding region, a spacer region, and a hydrophobic region. EFNA2 binds to the receptor tyrosine kinases EPHA3, EPHA4 and EPHA5.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

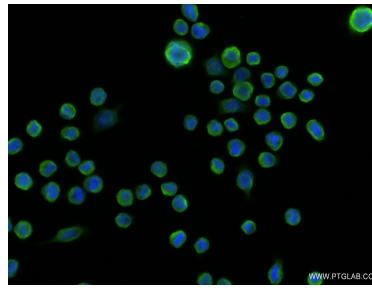
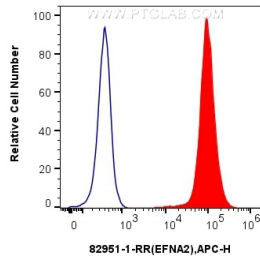
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Selected Validation Data



1x10⁶ jurkat cells were intracellularly stained with 0.25 ug Anti-Human EFNA2 (82951-1-RR, Clone:230251D8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (4% PFA) fixed COLO 205 cells using EFNA2 antibody (82951-1-RR, Clone: 230251D8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).